

IN THE CLAIMS:

Please amend Claim 2, and add new Claim 30, as shown below.

1. (Cancelled)

2. (Currently Amended) A DNA micro-array for detecting nucleic acid molecules having target base sequences in a sample, said array comprising:

a substrate; and

nucleic acid probes including base sequences complementary to the target base sequences, the nucleic acid probes being immobilized on the substrate,

wherein the array contains at least two probes for internal standard nucleic acids, said at least two probes having different sequences from each other and having sequences complementary to the internal standard nucleic acids,

wherein said at least two probes are available for quantitative evaluation of PCR of said nucleic acid molecules having the target base sequences, and

wherein said at least two probes include at least two probes corresponding to PCR products with different chain lengths derived from the internal standard nucleic acids, and

wherein the DNA micro-array is configured such that the internal standard nucleic acids are added at a known amount to the sample at the time of PCR amplification of said nucleic acid molecules having the target base sequences.

3 to 5. (Cancelled)

6. (Previously Presented) The DNA micro-array according to claim 2, wherein said at least two probes for the internal standard nucleic acids are synthetic nucleic acids immobilized on the substrate.

7. (Previously Presented) The DNA micro-array according to claim 6, wherein the synthesized nucleic acids each have a chain length of 15 to 75 bases.

8 to 27. (Cancelled)

28. (Previously Presented) The DNA micro-array according to claim 2, wherein said at least two probes for the internal standard nucleic acids are provided as spots having different concentrations.

29. (Previously Presented) The DNA micro-array according to claim 2, wherein said at least two probes for the internal standard nucleic acids are provided as spots having the same concentration.

30. (New) The DNA micro-array according to claim 2, wherein the DNA micro-array is provided with more than one probe which does not hybridize to said nucleic acid molecules having the target base sequences or to an internal standard nucleic acid that is not specific for the probe, and wherein the DNA micro-array detects internal standard nucleic acids with different base lengths in a specific manner.